

**Nonprovisional Patent App.
Docket No. LDT01-GN001**

1. A method of accessing transplant donor data from a remote location, the method comprising the steps of:
 - accessing a database over a network containing transplant donor data that includes information specific to a potential transplant donor;
 - reviewing the information specific to the potential transplant donor; and
 - acting on the transplant donor data reviewed to establish qualification to at least one of an organ and a tissue available for transplant.
2. The method of claim 1, wherein at least one of the accessing step and the reviewing step includes the step of utilizing a donor specific identification to access and view transplant donor data.
3. The method of claim 2, wherein the donor specific identification is based at least in part upon donor registration identification provided by a centralized organ sharing organization.
4. The method of claim 3, wherein the centralized organ sharing organization maintains a potential transplant recipient list.
5. The method of claim 1, wherein:
 - the reviewing step includes the step of reviewing information specific to the potential transplant donor that includes at least one of text and images pertaining to at least one of the organ and the tissue available for transplant; and
 - the network through which the information specific to the potential transplant donor is reviewed includes the Internet.
6. The method of claim 5, wherein the step of reviewing information specific to the potential transplant donor is carried out at least in part by using a microprocessor device.
7. The method of claim 5, wherein the information specific to the potential transplant donor includes at least one of organ availability, approximate dimensions of an organ,

blood type of the potential transplant donor, lab results pertaining to an organ, age of the potential transplant donor, and location of the potential transplant donor.

8. The method of claim 1, wherein the reviewing step includes at least one of viewing the transplant donor data at a remote location and downloading the transplant donor data to a remote location.

9. The method of claim 8, wherein the reviewing step includes the step of forwarding at least some of the transplant donor data to transplant personnel having access to a microprocessor device.

10. The method of claim 9, wherein the microprocessor device includes at least one of a personal digital assistant, a wireless telephone, a wired telephone, a wired computer, a wireless computer, a wireless pager, and a wireless book.

11. The method of claim 10, wherein the microprocessor device is amendable to at least one of transmit and receive information to the remote location.

12. The method of claim 11, wherein:

the microprocessor device includes the ability to display images; and
the images include at least one of videos, pictures, X-rays, scanned images, cardiac catheterizations, bronchoscopies, ultrasound images, ultrasound videos and electrocardiograms.

13. The method of claim 1, wherein the acting step includes the step of accepting or declining at least one of the organ and the tissue available for transplant.

14. The method of claim 13, wherein the step of accepting or declining at least one of the organ and the tissue available for transplant is accomplished by at least one of a telephone call to an organ procurement organization representative, a reservation uploaded to the database viewable by an organ procurement organization representative,

a telephone call to a donor hospital, a reservation uploaded to the database via the Internet and viewable by an organ procurement organization representative, and a reservation uploaded to a donor hospital database viewable by at least one of an organ procurement organization representative and a donor hospital representative.

15. The method of claim 13, wherein the information specific to a potential transplant donor includes at least one of organ availability, approximate dimensions of an organ, blood type of the potential transplant donor, lab results pertaining to an organ, age of the potential transplant donor, and location of the potential transplant donor.

16. The method of claim 1, wherein:

the accessing step includes the step of accessing an Internet site containing transplant donor data;

the accessing step includes providing a unique access identifier prior to the reviewing step; and

the reviewing step includes at least one of viewing the transplant donor data at a remote location and downloading the transplant donor data to a remote location.

17. The method of claim 16, wherein:

the unique access identifier includes at least one of identification of a person accessing the transplant donor data and identification of a specific transplant donor data record to be reviewed; and

the reviewing step includes reviewing the transplant donor data by transplant center personnel.

18. The method of claim 1, further comprising the step of receiving authorization code data for logging onto the network to access and review transplant donor data, where the authorization code is specific to the potential transplant donor.

19. The method of claim 18, wherein the accessing step includes the step of utilizing the authorization code to access the network and review the transplant donor data specific to the potential transplant donor.

20. The method of claim 1, further comprising the step of receiving an electronic offer notification pertaining to at least one of the organ and the tissue utilizing at least one of a personal digital assistant, a wireless telephone, a wired telephone, a wired computer, a wireless computer, a wireless pager, and a wireless book.

21. The method of claim 20, wherein the electronic offer notification includes at least one of an Internet address associated with the database and transplant donor data.

22. The method of claim 21, wherein the electronic offer notification includes an Internet address associated with the database and an authorization code to access the transplant donor data.

23. A method of gathering and inputting transplant donor data to a database, the method comprising the steps of:

- compiling a transplant donor record specific to a transplant donor;
- accessing a remote database capable of storing a plurality of transplant donor records; and
- uploading the transplant donor record to the remote database.

24. The method of claim 23, wherein the compiling step includes the step of inputting transplant donor data into at least one of a tangible expression and a digital expression.

25. The method of claim 24, wherein the transplant donor data is input into a series of relevant fields that include at least one of transplant donor blood type, time of death of the transplant donor, cause of death of the transplant donor, transplant donor lab results, the transplant donor's organs available for transplant, age of the transplant donor, and dimensions of the transplant donor's organs available for transplant.

26. The method of claim 24, wherein the compiling step includes the step of inputting transplant donor history data that includes at least one of transplant donor illnesses or disorders, transplant donor medical treatments, transplant donor allergies, transplant donor exposure to toxic substances, transplant donor smoking habits, transplant donor drinking habits, transplant donor medications, transplant donor risky sexual behavior, transplant donor drug usage, and transplant donor blood products received.

27. The method of claim 24, wherein the compiling step includes transforming the tangible expression of the transplant donor data into the digital expression of the transplant donor data.

28. The method of claim 25, wherein the step of inputting transplant donor data into a series of fields includes inputting the digital expression of the transplant donor data utilizing at least one of a wireless data input device and a wired data input device.

29. The method of claim 28, wherein:

the step of inputting the transplant donor data into a series of fields includes the step of providing an electronic donor data form;

the series of fields include at least one of transplant donor name, transplant donor address, transplant donor next of kin name, and transplant donor next of kin address; and

the electronic donor forms reside in memory on at least one of the wireless data input device and the wired data input device.

30. The method of claim 23, wherein the compiling step includes providing a computer that may access an electronic form adapted to include transplant donor data.

31. The method of claim 23, wherein:

the step of uploading includes uploading pure data in a first set of predetermined fields comprising the transplant donor record; and

the pure data of the transplant donor record is adapted to be extracted from the first set of predetermined fields and assimilated with a second set of predetermined fields associated with the remote database.

32. The method of claim 23, wherein:

the accessing step includes the step of viewing at least one uploaded transplant donor record; and

the viewing step includes viewing the transplant donor data from the remote database.

33. The method of claim 23, wherein the accessing step includes connecting to the remote database utilizing the Internet.

34. The method of claim 23, further comprising the step of signing onto the remote database.

35. The method of claim 34, wherein the step of signing onto the remote database includes the step of activating software installed on a digital device to connect to the remote database.

36. The method of claim 35, wherein the digital device includes at least one of a wireless personal digital assistant, a wireless computer, a wired computer, a wireless telephone and a wired telephone.

37. The method of claim 35, wherein the step of activating software installed on the digital device automatically attempts to connect to the remote database and download from the remote database pre-registered sign-on data particular to at least one of a procurement organization representative and the digital device.

38. The method of claim 37, wherein the digital device is adapted to download at least one of transplant donor management software additions, transplant donor management

software updates, and transplant donor management software deletions to the remote computer via wireless or wireline network connection.

39. The method of claim 37, wherein the digital device is adapted to load at least one of transplant donor management software additions, transplant donor management software updates, and transplant donor management software deletions to the remote computer via wireless or wireline network connection.

40. The method of claim 37, wherein the pre-registered sign-on data particular to at least one of the procurement organization representative and the digital device must match unique sign-on data specific to at least one of the procurement organization representative and the digital device.

41. The method of claim 40, wherein:

- the remote database is accessible via a secure network;
- the pre-registered sign-on data is assigned by a network administrator;
- the pre-registered sign-on data includes embedded data within the digital device;
- the digital device is pre-registered by the network administrator; and
- the procurement organization representative must input a unique identifier prior to accessing the remote database having the plurality of transplant donor records specific to transplant donors.

42. The method of claim 41, wherein the unique identifier includes at least one of a first name, a last name, a password, and a procurement organization representative identifier.

43. The method of claim 23, wherein the compiling step includes the step of inputting transplant donor data in to a first set of predetermined fields comprising the transplant donor record.

44. The method of claim 43, wherein the uploading step includes the step of facsimile transmitting the transplant donor record.

45. A method of gathering and displaying transplant donor data, the method comprising the steps of:

- compiling a transplant donor record specific to a transplant donor;
- transmitting an electronic version of the transplant donor record; and
- displaying the transplant donor record using the electronic version of the transplant donor record.

46. The method of claim 45, wherein the transmitting step includes at least one of facsimile transmitting the transplant donor record via telephone communication and electronic data transmitting the transplant donor record via computer network communication.

47. The method of claim 45, wherein the compiling step include compiling the electronic version of the transplant donor record.

48. The method of claim 45, wherein the displaying step includes displaying the transplant donor record on a tangible medium.

49. A method of organizing and making available transplant donor data, the method comprising the steps of:

- providing a secure database to store transplant donor data;
- providing access to a selective third party to at least one of upload and view transplant donor data and download and view transplant donor data; and
- generating an authorization code required to access the transplant donor data by the selective third party.

50. The method of claim 49, wherein the step of providing a secure database includes the step of providing a secure server operatively coupled to a secure network.

51. The method of claim 50, wherein the secure network is at least one of a private network and a public network.
52. The method of claim 49, wherein the step of providing access to the selective third party includes the step of providing access to a procurement organization representative.
53. The method of claim 49, wherein the step of providing access to the procurement organization representative includes the step of providing customizing options to a network administrator of a procurement organization.
54. The method of claim 53, wherein the customizing options include at least one of the ability to add or delete procurement organization representatives from a selective third party list, the ability to amend medical history questions pertaining to a transplant donor, the ability to amend social history questions pertaining to a transplant donor, the ability to amend information regarding a transplant donor hospital, and the ability to view updated listings for a transplant donor hospital
55. The method of claim 53, wherein the customizing options include at least one of the ability to amend a name of an individual receiving a notification that a new transplant donor has been added to the secure database, the ability to amend contact information of an individual receiving a notification that a new transplant donor has been added to the secure database, and the ability to amend how an individual receives a notification that a new transplant donor has been added to the secure database.
56. The method of claim 49, wherein the authorization code is randomly generated by software accessing the secure database.
57. The method of claim 56, wherein:
the step of providing access to the selective third party to upload and view transplant donor data includes the step of providing a transplant center representative

with access to the secure database to review transplant donor data upon authentication;
and

the authentication includes the transplant center representative providing the authorization code to gain access to the secure database.

58. The method of claim 49, wherein the secure database includes at least one of text and images.

59. The method of claim 58, wherein the text of the transplant donor data includes at least one of consent information, transplant donor name, transplant donor organs recovered and transplant donor tissue recovered.

60. The method of claim 58, wherein the images of the transplant donor data include at least one of videos, pictures, X-rays, scanned images, cardiac catheterizations, bronchoscopies, ultrasound images, ultrasound videos and electrocardiograms.

61. The method of claim 49, further comprising the step of tracking access by the selective third party to discern when transplant donor data has been at least one of viewed, updated, uploaded, and downloaded, wherein the tracking access step includes the step of providing a network administrator to oversee the secure database.

62. The method of claim 61, wherein the network administrator may restrict access to the selective third party to less than all of the transplant donor data stored on the secure database.

63. The method of claim 49, wherein the generating step includes the step of providing at least one of hardware and software to generate the authorization code on a transplant donor specific basis.

64. The method of claim 63, further comprising the step of registering at least one of the hardware and the software, wherein the step of registering includes a network

administrator issuing at least one of the hardware and the software, wherein at least one of the hardware and the software include a unique identifier.

65. The method of claim 64, further comprising the step of tracking access by the selective third party to discern when transplant donor data has been at least one of viewed, updated, uploaded, and downloaded, wherein the tracking access step includes the step of tracking the unique identifier by the network administrator.

66. The method of claim 49, further comprising the step of sending an electronic offer notification to at least one of a personal digital assistant, a wireless telephone, a wired telephone, a wired computer, a wireless computer, a wireless pager, and a wireless book associated with the selective third party.

67. The method of claim 66, wherein the electronic offer notification includes at least one of an Internet address associated with the secure database and transplant donor data.

68. The method of claim 49, further comprising the step of providing electronic forms into which the transplant donor data may be entered.

69. The method of claim 68, wherein:

the providing electronic forms step includes the step of synchronizing the electronic forms with the secure database; and

the providing access step includes the step of uploading at least one of the electronic forms and the transplant donor data to the secure database.

70. The method of claim 49, wherein the selective third party includes at least one of an organ procurement organization representative and a transplant center representative.

71. The method of claim 70, wherein at least one of the organ procurement organization representative and a transplant center representative accesses the secure database to at least one of import data thereto and export data therefrom.

72. A method of gathering and inputting transplant donor data to a database in the form of a pure data system, the method comprising the steps of:

providing a series of data input options into which transplant donor data may be input to create an transplant donor record, the series of data input options including at least one of edit transplant donor data, update transplant donor data, delete transplant donor data, and submit transplant donor data;

inputting transplant donor data into at least one of the series of data input options to create the transplant donor record;

transmitting the transplant donor record to an transplant donor database; and
availing the transplant donor record via the Internet.

73. The method of claim 72, wherein the inputting step includes providing a wireless storage device capable of storing the transplant donor data within the data input options to create the transplant donor record.

74. The method of claim 73, wherein the wireless storage device includes at least one of a wireless computer, a wireless personal digital assistant, and a wireless phone.

75. A method of gathering transplant donor data, the method comprising the steps of:

utilizing a computer operatively coupled to a scanner, where the computer has at least one electronic transplant donor form adapted to be manipulatable to input transplant donor data using at least one of keystrokes, digital handwriting, and scanned images; and

the computer includes software to facilitate the uploading of the transplant donor data to a remote database over a network connection, the remote database including a remote digital processing device, such that the remote database is accessible by an intended third party.

76. A transplant information system to facilitate the dissemination of information pertaining to transplantable organs and tissue from a donor hospital to a transplant center, the system comprising:

a database accessible by a procurement organization representative and a transplant center representative, the database including transplant donor data; and

a secure network through which the transplant donor data is accessed by at least one of the procurement organization representative and the transplant center representative.

77. The transplant information system of claim 76, wherein the procurement organization representative is equipped with wireless hardware that includes at least one of a cellular telephone, a personal digital assistant, a laptop computer, and a handheld computer.

78. The transplant information system of claim 77, wherein:

the wireless hardware includes software adapted to compile a transplant donor data record via data manipulation; and

the transplant donor record includes at least one of text and images.

79. The transplant information system of claim 78, wherein the transplant donor data record includes electronic forms divided into predetermined data fields adapted to receive transplant donor data entered by the procurement organization representative.

80. The transplant information system of claim 79, wherein the wireless hardware includes software adapted access the database via the secured network.